

SUBD 2

2(Twice Amended). A three-dimensional image-capturing apparatus comprising:

a single image-capturing device;

a plurality of imaging-side reflection means having reflectors provided to be obliquely outward for a plurality of different portions of an image-capturing region of said single image-capturing device;

a plurality of subject-side reflection means having reflectors provided, for the imaging-side reflection means, outer from the imaging side reflection means so as to be oblique with respect to a subject, the subject-side reflection means reflecting rays from said subject to the corresponding imaging-side reflection means;

a plurality of lenses or lens units provided to be closer to said single image-capturing device than the subject-side reflection means in optical paths formed from said subject to [the] different portions of the image-capturing region [of said single image-capturing device] so that rays from said subject to the different portions of the image-capturing region [of said single image-capturing device so that rays from said subject] are reflected by the imaging-side reflection means, the lenses or lens units forming a plurality of images of said subject which have parallax; and

a plurality of diaphragms in which when each optical path has a lens, the diaphragms are provided to be closer to said subject than the lens and in which when each optical path has a lens unit, the diaphragms are provided to be closer to said subject than a lens of the lens unit.